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(71) Applicant (for all designated States except US):
POLIMERI EUROPA S.P.A. [IT/IT]; Via E. Fermi
4, I-72100 Brindisi (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DALLORO,**
Leonardo [IT/IT]; Via Giovanni XXIII, 12, I-20021
Bollate-Milan (IT). **CESANA, Alberto** [IT/IT]; Via L.
Da Vinci 5, I-28068 Romentino-Novara (IT). **BUZZONI,**
Roberto [IT/IT]; Via XXV Aprile 72A, I-10099 San
Mauro Torinese-Torino (IT). **RIVETTI, Franco** [IT/IT];
Via Oggio 28, I-20139 Milano (IT).

(74) Agents: **DE GREGORI, Antonella et al.**; BARZANO'
& ZANARDO MILANO S.p.A., Via Borgonuovo 10,
I-20121 Milan (IT).

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(54) Title: PROCESS AND CATALYSTS FOR THE PRODUCTION OF LINEAR ALKANES

(57) Abstract: The invention relates to a process for the production of linear alkanes, containing less than 6 carbon atoms, from a mix comprising one or more hydrocarbons containing at least 6 carbon atoms. The process uses a catalytic composition comprising particular combinations of a Y-type zeolite, at least one element selected from Zn, Mo, Cu, Ga, In, W, Ta, Zr, Ti, metals of Group VIII and optionally one or more lanthanides.